AUTHOR INDEX

Abdallah O. M., 1689, 1751
Abdel-Kader M. S., 997
Abe F., 1429
Abegaz B. M., 191
Abell C., 971
Abou-Douh A. M., 1215
Abrams S. R., 289
Achenbach H., 1737
Adachi K., 279
Adlington R. M., 713
Ageta H., 1363
Agrawal P. K., 587
Ahmad A., 183
Ahmed S., 1123
Ahsan M., 259
Aimi N., 1745
Akamatsu Y., 649
Akihisa T., 757, 1413
Akisue G., 1649
Akisue M. K., 1649
Al-Hillo M. R. Y., 1663
Al-Yahya M. A., 1377
Alam M. S., 521
Alberdi M., 669
Albini F. M., 137
Ali M., 521
Alvarez L., 1119
Alves R. J., 1139
Ancibor E., 317
Andary C., 855
Andersson R., 795
de los Angeles Flores M., 1480
Anh Thu Pham Thi, 1237
Antonowitz A., 1679
Anuradha V., 909
Anzaki S., 1653
Aono H., 579
Aoshima H., 547
Aquino R., 1471
Arias J. M., 741
Aribaud M., 927
Arihara S., 1397, 1437
Arioka H., 863
Armbruster S., 455
Armstrong J. A., 259, 1287
Arnó M., 1095
Arreguy B., 1625
Arteaga P., 1351
Asakawa Y., 233, 433, 777, 859, 1091, 1317, 1323, 1767
Asamizu T., 1611
Athamaprasangsa S., 871
Atsumi T., 337
Atta-Ullah Khan M., 1123
Audran J.-C., 425

Baba K., 879
Baetas A. C. S., 1193
Bahorun T., 1273
Bai-Ping Ying, 905
Baissac Y., 701
Baldwin J. E., 713
Banerjee M., 1211
Banerji A., 781
Bano A., 345
Barba B., 837
Barboni L., 1197
Barciszewska M. Z., 113
Barciszewski J., 113
Barrera J. B., 1671
Barrero A. F., 1351
Basabe P., 1359
Beck E., 1059
Becker H., 491, 787, 899, 1593
Beecher C. W. W., 415
Begum S., 769
Bellomaria B., 1197
Benn M., 1717
Benosman A., 1143
van Berkel Y. E. M., 1605
Bheemasankara Rao Ch., 509
Bianchi G., 205
Bilia A. R., 1777
Billard J.-P., 1227
Binnekamp A., 1605
Biswal B., 1257
Blaney W. M., 147
Blechschmidt M., 491
Blokhin A., 1283
Boaventura M. A. D., 387
Bobzin S. C., 509
Bochicchio A., 377
Bolwell G. P., 1491
Boneva I. M., 147
Bonfils J.-P., 701
Bonham C., 557
Bor-Jinn Shieh, 851
Botta B., 893
Boudet A. M., 941
Boudet A., 941
Bourauel T., 353
Bozak K., 1491
Brady C., 949
Brennan R., 1703
Brophy J. J., 1645
Brown E. G., 1589
Bruneton J., 1143
Buděšínský M., 707
Buntrarongroj U., 871
Burkhard G., 787, 899, 1593

Çaliş İ., 249, 1083
Campargue C., 941
Cantrell C. L., 1295
Caron C., 425
Carretero E., 255
Carrillo H., 1359
Casale I., 1069
Castes M., 1069
Catalán C. A. N., 187, 1331
Catalano S., 1777
Cerda-García-Rojas C. M., 1331

Cerezo A. S., 317
Cernia E., 893
Chai H.-B., 1659
Chakravarty A. K., 1363
Chandra A., 405
Chávez M. I., 1119
Chen Xinmin, 237
Chenieux J.-C., 425
Chia-Li Wu, 773, 1459
Chibana T., 885
Chilton W. S., 167
Chiplunkar Y. G., 1213
Chong-ren Yang, 827
Chopra N., 521
Christeller J. T., 921
Chun-Bo Ai, 907
Chun-Nan Lin, 851
Comoe L., 425
Compernolle F., 159
Connolly J. D., 867, 1667, 1763
Conserva L. M., 1193
Coosemans J., 159
Corcuera L. J., 669
Cordell G. A., 1659
Corsaro M. M., 515
Couillerot E., 425
Craig D. C., 1645
Crawford R. M. M., 979
Cu N. K. Q., 1131

D'Arcy-Lameta A., 1237
Dagne E., 525
van Dam N. M., 1013
Dampawan P., 871
Damtoft S., 441, 173, 1599
Dan(Datta) J., 757
Danne A., 533
Das B., 1363
De Giulio A., 1327
De Maio A., 1269
De Rosa S., 1327
De-zu Wang, 827
Delaude C., 821
Delgado G., 1119
Della Greca M., 515, 1269
Desjardins A. E., 1001
Díaz J. D., 191
Díaz J. G., 187, 285, 837
Dijoux M.-G., 1667
Ding-Ming Yang, 467
Domoto H., 1755
Dörffling K., 345
Dräger B., 391
Drewes S. E., 551, 847
Dubery I. A., 127
Dubourg A., 855
Duc N. M., 1131, 1455
Dufourc E. J., 1625

Eagles J., 1045
Edwards R., 655
Ei-Sharkawy S. H., 473
Eich E., 1637
Eicher T., 1593
El Sayed N. H., 1215
El-Feraly F. S., 1377
Elliger C. A., 691
Erdmann V. A., 113
Errea M. I., 1075
Ertan M., 249
Ewan B., 289
Eyal J., 1301

Fang Sun, 1717
Farnsworth N. R., 1659
Farooq A., 723
Faulkner D. J., 509
Favre-Bonvin J., 1629
Fazio C., 501
Feng-Chi Ho, 889
Fernandez M., 1069
Fernández E., 1585
Fernández J., 669
Ferrari-Iliou R., 1237
Ferreira D., 1771
Ferreira R. B., 641
Fewell A. M., 1007
Fiasson J. L., 1629
Finzi P. V., 137
Fiorani N. G., 1115
Fiorentino A., 515, 1269
Fischer N. H., 1295
Fleury B. G., 1447
Foderaro T. A., 997
Fookes C. J. R., 1645
Fouché S. D., 127
Fraga B. M., 717
Franzblau S. G., 1295
Franzyk H., 173
Frederiksen L. B., 1599
Friis P., 695
Fronczek F. R., 1039, 1295
Fu-Mei Kiang, 1459
Fuchikami Y., 1037
de la Fuente G., 271
Fujimoto Y., 1641
Fujita T., 543, 863, 1367
Fukumoto H., 283, 1486
Fukuyama Y., 1653
Funayoshi A., 543
Furuya T., 1403
Fuzzati N., 875

Gandhidasan R., 911
Gangan V. D., 781
Garcez W. S., 1115
García-Granados A., 741
Garcia-Jacas N., 1101
Garcia-Lliso V., 1101
Gardner H. W., 1001
Garofalo L., 1471
Gaskin P., 1063
Gedris T. E., 197
Ghia F., 1729
Ghiasuddin, 1123
Ghisalberti E. L., 597
Ghosh M. K., 757
Ghosh P., 757
Gibbons S., 259
Gill A., 125
Gill M., 1679
Glover H., 949
Gluchoff-Fiasson K., 1629
Goad L. J., 1031
Goldsack R. J., 1645
Gonzaga V., 1119
González P., 717
Gotoh K., 1611
Gotoh M., 1699
Goulart M. O. F., 1139
Govindachari T. R., 1127
Gözler B., 1693
Gözler T., 1693
Grande M., 539, 635
Gray A. I., 259, 565, 1287
Grayer R. J., 19

Greger H., 1305
Grieco H. J., 1451
Grieco P. A., 1451
Grima-Pettenati J., 941
Grimmer H. R., 357
Groeneveld H. W., 1605
Gross K. C., 663
Grubert M., 1593
Grue M. R., 43
Guilhon G. M. S. P., 1193
Guillermo R., 717
Guo-Wei Qin, 1079, 1201, 1205
Gupta A. K., 125
Gusta L. V., 289

Hadacek F., 1305
Hadi A. H. A., 1143
Haga K., 807
Hahn H., 345
Hajiro-Nakanishi K., 279
Halim A. F., 473
Halloin J. M., 691
Hamada H., 401, 1037
Hammett K. R. W., 163
Hammond C. T., 755
Hammond E. G., 749
Han B. H., 1161
Han-Chao Wei, 773
Hansen H., 345
Hanson J. R., 387, 717, 723, 1023
Hanuš J., 1059
Hara S., 1615
Haraguchi H., 1463
Harborne J. B., 1, 3, 19, 1045, 1489
Harmatha J., 707
Hartley T. G., 565
Harvala C., 987
Hasan C. M., 1763
Hasegawa M., 629
Hasegawa T., 1699
Hasegawa K., 297
Hashimoto G., 1649
Hashimoto K., 1463
Hashimoto T., 233
Haslam E., 357
Hata Y., 1653
Hatano T., 241
Hayashi K., 1615
Hayashi T., 1611
Hazell A., 1729
Hazell R., 1729
Heitz A., 855
Henrici A., 1637
Hernández J., 1119
Hernández L. R., 1331
Hernández M. G., 717
Herrador M. M., 1351
Hervieu F., 1227
Herz W., 187, 191, 197, 285, 837
Hesse M., 1251, 1693
Heuer S., 761
Hibino T., 445
Hidalgo M. E., 1585
Higuchi T., 445
Himmelreich U., 1725
Hipskind J., 557
Hirai N., 383
Hirase S., 1615
Hirata M., 409
Hirata T., 401, 1037
Hirotani M., 1403
Hitchcock P. B., 387, 1023
Hofer O., 1305
Homeyer B. C., 421
Honda T., 245, 885, 1179
Horie T., 1189
Hosamani K. M., 1621
Hoshi-Sakoda M., 297
Hosny M., 1083
Hostettmann K., 875
Hu Hui-Ping, 1367
Hua Liao, 357
Huault C., 1227
Huch V., 491
Huffman J. C., 1451
Huneck S., 1091, 1317
Hussein S. A. M., 1175
van Huystee R. B., 933, 1217

Ibraheim Z. Z., 1751
Iinuma M., 889, 1153, 1157, 1713
Iiyama K., 327
Ikeda T., 1685
Ikeda Y., 401
Ikematsu Y., 1037
Imamura T., 1165
Imperato F., 589
Inagaki J., 457
Ina K., 457
Iodice C., 1327
Iqbal Z., 723
Ishak M. S., 1215
Ishida H., 383
Ishigaki E., 279
Ishiguro K., 283, 1486
Ishimaru A., 777, 1767
Ishizuka K., 297
Ishizu T., 689
Ismail H. B. M., 561
Isoi K., 283, 1486
Ito A., 1455
Ito H., 1755
Ito T., 445
Izumi N., 1263
Izumi S., 401
Izumo H., 433

Jakobsen H. B., 695
Jantan I., 1477
Jardillier J.-C., 425
Jegorov A., 1301
Jensen S. R., 173, 441, 1599
Jia Z., 1389
Jia-Sen Liu, 1759
Jiang F. X., 1347
Jianmin Yue, 1467
Jim-Min Fang, 1109
Jiménez Mª B., 741
Joseph-Nathan P., 1331
Joulain D., 1769
Jun Xu, 1467
Jun-Ping Xu, 1079

Kadan G., 1693
Kaisin M., 1447
Kakinuma K., 1641
Kaloga M., 1637
Kamel M. S., 1689
Kameoka H., 1027
Kanai Y., 817
Kandil F. E., 1215
Kaneko J., 579
Kaneko R., 807
Kang Y. H., 1161
Karabourniotis G., 987
Kasai R., 495, 1131, 1455

Kashimura N., 915
Kato K., 1649
Kato M., 279
Katoh K., 1263
Kaur N., 125
Kawahara N., 213
Kawai K.-I., 1209
Kawai S., 1699
Kawamura Y., 1189
Kawamura T., 401
Keawpradub N., 1745
Keige A. W., 191
Kelecom A., 1447
Ken-Ichi Miyauchi, 889
Kijjoa A., 197
Kikuchi M., 1765, 1773
Kikuzaki H., 1383
Kimura Y., 757, 1413
Kinghorn A. D., 1659
Kinjo J., 1685
Kinoshita K., 1209
Kinugawa T., 859
Kitiratakarn T., 197
Kitora C., 1383
Kleczkowski L. A., 1507
Kobayashi T., 1189
Kobayashi Y., 889
Kodama M., 1653
Koike K., 575, 579, 1389, 1443
Koike Y., 591
Koiwai A., 143
Konuk M., 1589
Kosemura S., 297
Koshijima T., 1165
Koshimizu K., 383
Koshino H., 281
Kouno I., 467
Koyama J., 1147
Koyama K., 1209
Kozawa M., 879
Kraut L., 1337
Krenn L., 275
Krishnasamy N. R., 911
Krull R. E., 1283
Krupadanam G. L. D., 267
Kubeczka K.-H., 539
Kuligowska E., 301
Kumar A., 1233
Kumari G. N. K., 1127
Kumazawa Z., 915
Kun-Ying Yen, 241
Kundu A. P., 1517
Kurosaki F., 727
Kuwahara M., 1165

LaMotte C. E., 625
Laamara K., 1663
Ladjel S., 1663
Laing W. A., 921
Lam T. B. T., 327
Lambein F., 713
Lamuela-Raventós R. Mª, 571
Landa Z., 1301
Lang F. A., 1157
Lapierre C., 445
Laudová V., 707
Lavaud C., 1671, 1667
Le Dily F., 1227
Le Men-Olivier L., 1667, 1671
Le Men-Olivier L., 425
Lechtenberg M., 1039
Lee I.-S., 1659
Lee-Juian Lin, 905
Lei B., 289
Leinhos V., 311
Lenton J. R., 349, 1063
León de Pinto G., 1311
Li Hong, 237
Li Yang, 1149
Lian-Niang Li, 907
Lianglu Wan, 933
Liddell J. R., 43
Lilley T. H., 357
Lindsay D. A., 979
Ling Ling Yang, 241
Linsen Liu, 749
Lissi E., 1585
Liu K. C.-S., 421
Lock de Ugaz O., 1471
Loggini B., 377
Logie C. G., 43
Lu T., 1295
Luck G., 357
Ludovic de Corredor A., 1311
Lundgren L. N., 795

Ma X., 1659
Mabry T. J., 1215
Macías M. J., 539, 635
Maeda C., 1131
Mahady G. B., 415
Mahato S. B., 1425, 1517
Mahlberg P. G., 755
Maia J. G. S., 1139, 1193
Majak W., 1717
Malakov P. Y., 147
Malan E., 1771
Maldonado E., 1480
Mancheño B., 635
Manetas Y., 987
Manickavasagar R., 1023
Manzi A., 1197
Marañón M. J. R., 1217
Marco J. A., 477, 1095, 1101
Marcos I. S., 1359
Markham K. R., 163
Marner F.-J., 701
Martín L., 635
Martín V., 539
Martin-Tanguy J., 927
Martínez A., 741
Martínez E., 1119
Martinez M., 1311
Martinozzi M., 1777
Marubayashi N., 467
Marumo S., 237
Masaki H., 337
Massiot G., 529, 1667, 1671
Masson G., 1245
Masuda K., 1363
Maťha V., 1301
Matheson N. K., 957
Matsubara H., 1209
Matsunaga S., 209
Matsuzaki T., 143
Matulewicz M. C., 1075
Maury L., 855
Mazliak P., 1237
Mazzafera P., 1577
McCormick S. P., 1001
McDougall G. J., 683
McManus M. T., 921
McPhail A. T., 1377
Mei-Fen Huang, 1759
Meier U., 353
van der Meijden E., 1013

Melchor M. J., 1359
Mellor L. C., 713
Melo T. S., 641
Merfort I., 1175, 1635
Metzger J. W., 761
Mia M. Y., 1763
Mimaki Y., 227
Mino Y., 429
Mirza H. H., 1377
Misra G., 827
Misra L. N., 183
Mitchell R. E., 373
Mitsunaga K., 1443
Miyachi S., 279
Miyase T., 547
Miyazawa M., 1027
Mizoshiri H., 467
Mizuno H., 915
Mohamed K. M., 495
Mohamed M. H., 1689, 1751
Moher E. D., 1451
Molinatti P., 425
Monacelli B., 893
Monache G. D., 893
Monaco P., 515
Mońko M., 301
Montiel P., 669
Moon J.-H., 457
Morelli I., 1777
Moretti C., 1671
Morgan P. M., 1679
Morrison I. M., 683
Mossa J. S., 1377
Moutounet M., 1245
Mues R., 1337
Muhammad I., 1377
Mukherjee R. K., 1641
Mulholland D. A., 1409, 1417
Müller E. P., 1185, 1483
Müller M., 525
Murakami K., 817
Murakoshi I., 591, 1751
Murashima T., 1486
Murelli C., 137
Murofushi N., 629
Murray N. J., 357
Murthy M. S. R., 111
Muyun Ni, 1389
Myers D. K., 957

Nabeta K., 409, 1263
Naeed A., 769
Nagai M., 1437
Nagasampagi B. A., 505, 585, 1211, 1213
Nagashima F., 433, 777, 1317, 1323, 1767
Nagata S., 283
Nahrstedt A., 391, 533, 1039
Nair J. J., 1409
Nair M. G., 405
Nakagawa H., 133
Nakajima M., 629
Nakajima R., 457
Nakajima Y., 1755
Nakamura I., 1091
Nakamura O., 227
Nakano K., 817
Nakashima C., 285
Nakatani N., 1383
Nakayama M., 543
Nakazawa T., 241
Nanduri S., 911
Navari-Izzo F., 377
Nawwar M. A. M., 1175
Neill S. J., 349
Ngnokam D., 529
Ngouela S., 867
Nham N. T., 1131, 1455
Nicholson R. L., 557
Nichols P. D., 673
Nielsen H. B., 1729
Nielsen J. K., 695
Nigam S. K., 827
Nighojkar A., 1233
Niiho Y., 1755
Nimtz M., 761
Nishibe S., 855
Nishikawa S., 915
Nishimoto N., 1649
Nishino A., 227
Nishino H., 227
Nissinen R., 179
Niwa M., 521
Niwano M., 281
Nohara T., 1429, 1685, 1755
Nohara T., 831
Noro T., 801, 217
Nose Y., 1615
Nuzillard J.-M., 529

Ocando E., 1311
Ogura T., 1147
Ohashi H., 1699
Ohira T., 201
Ohki Y., 409
Ohmoto T., 575, 579, 1389, 1443
Ohnishi K., 1611
Ohtani K., 495, 1131
Ohya I., 143
Ohyama M., 1157, 1713
Okada K., 1383
Okada N., 281
Okamura K., 1611
Okamura N., 1463
Okawa Y., 889, 1153
Okuda R. K., 307
Okuda T., 241, 863
Okuyama H., 409
Olçal S., 1371
Öksüz S., 487
de Oliveira A. B., 1139
de Oliveira F., 1649
de Oliveira G. G., 1139
Olsen C. O., 695
Olsson O., 1577
Ongkavoranan N., 871
Önür M. A., 1693
Oogami N., 915
Oohata T., 1263
Ortega A., 1480
Osborne R., 1417
Otsuka H., 461
Ouyang Y., 575
Özipek M., 249

Padolina W. G., 1383
Paîs M., 1663
Palocci C., 893
Pan H., 795
Pandey V. B., 1775
Papanov G. Y., 147
Pareja J. M., 477
Park M. K., 1161
Parra A., 741
Parry A. D., 655

Parsons I. C., 565
Pasqua G., 893
Passannanti S., 501
Paternostro M. P., 501
Patritti G., 137
Pazmino X. C., 875
Penders A., 821
Penny M., 1063
Pereira M. V. G., 1447
Petereit F., 533
Peters W., 1059
Pezzuto J. M., 1659
Phillipson J. D., 421
Pinto A. C., 1115
Pinto D. C. G., 875
Pinto G., 1269
Pinto M. M. M., 197
Píš J., 707
Piozzi F., 501
Pizza C., 1471
Poley C. S., 1283
Pollet B., 445
Pollio A., 1269
Pomeroy M., 997
Pomilio A. B., 449
Polónia M. A., 197
Ponnamperuma K., 971
Popenda M., 1707
Portsteffen A., 391
Powls R., 1031
Pozzi N., 205
Pradhan P., 781
Prasad Y. R., 111
Prema T. P., 677
Previtera L., 515, 1269
Provan G. J., 1703
Puech J.-L., 1245

Qiao-Hong Deng, 907
Quaghebeur K., 159
Queiroz P. P. S., 1115
Quilhot W., 1585
Quinto A. M., 1197

Raghuramulu N., 677
Rahmani M., 561
Raman P. V., 911
Ramanjulu S., 991
Rao E. V., 111
Rao M. N., 267
Rao N. S. P., 909
Rashid M. A., 1763
Ren-Sheng Xu, 1079, 1201, 1205
Rennenberg H., 975
Richomme P., 1143
Richter S., 761
Ripperger H., 1725
Rivas C., 1311
Rivas F., 741
Roberts M. F., 421
Roberts S. L., 1417
Roberts M. F., 913
Roddick J. G., 1007, 1277
Rodríguez B., 147
Roeder E., 275, 353
Rogers L. J., 1257
Roitman J. N., 455
Rojatkar S. R., 505, 585, 1211, 1213
Rojo H. P., 119
Rong-Chi Yang, 241
Rosazza J. P., 473
Rovati M., 137
Roy R., 1775

Rui H., 1403
Rüedi P., 249
Ruiz-Mesía L., 271
Rukachaisirikul V., 871
Rzama A., 1625

Saad H.-E. A., 473
Sahu N. P., 1425
Saito K., 591, 1017
Saito N., 245, 885, 1179
Sakae T., 521
Sakagami Y., 237
Sakai S.-I., 1745
Sakamoto C., 831
Sakata K., 457
Sakurai H., 337
Salazar B., 1480
Samaraweera S. W. A., 409
Sampietro A. R., 119
Sancenon F., 477, 1095
Sandberg G., 1577
Sano H., 279
Sant'ana A. E. G., 1139
Sanz-Cervera J. F., 477, 1095, 1101
Sarker S. D., 1287
Sashida Y., 227
Satake M., 213
Satomi Y., 227
Sauvaire Y., 701
Savidge R. A., 311
Sawaikar D. D., 585, 1211
Schneider A., 975
Schupp R., 975
Schutzki R. E., 405
Scott A. I., 1037
Scott I. M., 335
Scott-Shaw R., 847
Scurria R., 893
Sedmera P., 1301
Sehlapelo B. M., 847
Seifert K., 1087
Seki K., 807
Sekine T., 591
Sekita S., 213
Sethijinda S., 871
Sevenet T., 1143
Sewón P., 179
Sexmero M. J., 1359
Seya M., 1451
Seykens D., 1605
Sgherri C. L. M., 377
Shang M., 307
Shaonong Chen, 1467
Sharma M. C., 201
Sheeley D. M., 1667
Shi-Lin Yang, 421
Shibata D., 445
Shida N., 1653
Shigihara A., 245, 885, 1179
Shimada M., 649
Shimoda K., 401
Shiobara Y., 1649
Shiow-Chyn Huang, 287
Shirata K., 281
Shoji N., 1397, 1437
Shu-Jen Chang, 1459
Shuyun Peng, 167
Siddiqui B. S., 769, 1123
Siddiqui S., 769
da Silva J. R. P., 1447
Sim-Sim M., 1337
Simmonds M. S. J., 147
Singh A. K., 587

Singh D. P., 125
Singh R., 125
Sinozaki Y., 143
Sipahimalani A. T., 781
Skaltsa H., 987
Skibinski A., 1635
Slowing K., 255
Smith A. J., 1257
Soejarto D. D., 1659
Söllhuber M., 255
Song-Chwan Fang, 851
Sornnarintra M., 871
de Souza Filho J. D., 1139
Spickett C. M., 971
Sreedhara Ch., 509
Srimannarayana G., 267
Sripathi S. K., 911
Srivastava S., 1233
Sriwub P., 871
Steglich W., 525
Stermitz F. R., 997, 1283
Stewart D., 683, 1703
Stobiecki M., 1707
Stojanovic D., 1069
Stone B. A., 327
Stortz C. A., 317
Strack D., 761
Strnad M., 1059
Stuppner H., 1185, 1483
Suda K., 1323
Sudhakar C., 991
Suga T., 731, 737
Sugimura C., 1755
Sukari A., 561
Suresh G., 1127
Susanna A., 1101
Suzuki H., 591, 1363
Sweeney M., 905
Swinny E., 1771
Syoha E., 1649
Szarkowski J. W., 301
Šimek P., 1301

Tabacchi R., 1769
Tada Y., 233
Tagahara K., 1147
Tain-Shung Wu, 287
Takahashi H., 143
Takahashi K., 1209
Takahashi J. A., 387, 717
Takaishi Y., 817
Takamatsu S., 591
Takano R., 1615
Takaoka S., 433, 1317
Takayama H., 1745
Takechi M., 1421
Takeda K., 629
Tamura T., 757, 1413
Tan R. X., 1347
Tanaka R., 209
Tanaka T., 467, 889, 1153, 1157, 1713
Tanaka Y., 1421
Taniguchi M., 879
Taniue K., 1649
Tatsuzawa F., 1179
Taylor D. A. H., 1417
Taylor C. W., 551
Taylor W. C., 871
Tazaki H., 491
Teixeira V. L., 1447
Teixeira A. N., 641
Thakur S., 757
Thomas H., 1257
Thomas J., 1593
Tobita T., 143
Todorova M., 1251
Toki K., 245, 885
Tomihari T., 807
Tomimatsu T., 817
de Tommasi N., 1471
Topcu G., 487, 1371
Toppet S., 159
Tori M., 433
de la Torre M. C., 147
Torssell K. B. G., 1729
Toscano De Brito A. L., 1045
Toyota M., 859, 1091
Trennheuser F., 899
Trimurtulu G., 509
Trotin F., 1273
Trujillo D., 1069
Tsamo E., 529, 867
Tsuboi R., 209
Tsuchiya D., 445

Udagama-Randeniya P. V., 311
Ueda S., 1367
Ueda T., 885
Ueda Y., 1649
Uemura T., 1027
Ueno A., 547
Uesato K., 245
Ulubelen A., 1371
Umeyama A., 1397, 1437
Ura T., 831
Uramoto M., 281
Urones J. G., 1359
Usui K., 297

Valles-Xirau J., 477, 1095
Vargas D., 1295
Vasseur J., 1273
Vattuone M. A., 119
Veeranjaneyulu K., 991
Veith M., 491
Venkata Rao D., 509
Verpoorte R., 1013
Verykokidou E., 987
Vesper T., 1087
Vichnewski W., 285
Villalobos N., 635
Villar A., 255
Virtue P., 673
Vitali A., 893
Vlahov G., 205
Vokáč K., 707

Waibel R., 1737
Walton J. C., 979
Wan-Zhi Song, 907
Wang Hong-ping, 1367
Wang Q., 1347
Wang Su-Qing, 1367
Wang W. Z., 1347
Wang Xian-rong, 1367
Warashina T., 217, 801
Warminski E. E., 357
Watanabe K., 1685
Watanabe N., 457
Watanabe S., 457
Watanabe T., 1165
Waterhouse A. L., 571
Waterman P. G., 259, 561, 565, 1045, 1287, 1477
Wei-Min Zhao, 1079
Wei-Ming Chen, 1055

Weisleder D., 1001
Weissenberg M., 1007
Wen-Chiung Su, 1109
Werner C., 1251
Wibberley M. S., 349
Wiedenfeld H., 275, 353
Wilkinson S. C., 1031
Williams C. A., 3, 1045
Williams H. J., 1037
Williamson M. P., 357
Willis C. L., 1063
Willuhn G., 1635
Wingsle G., 1577
Wollenweber E., 455
Wollenweber-Ratzer B., 979
Wood K. V., 557
Worthen D., 307
Wray V., 761, 1039
Wurtele E. S., 625, 749
Wurz G., 1305
Wylde R., 855

Xiao-Zhang Feng, 1055
Xiaoyue Li, 625
Xin-Min Chen, 863
Xing-cong Li, 827
Xuejun Sun, 1433

Ya-Li He, 1055
Yagi A., 457, 1463
Yahara S., 831, 1429, 1755
Yamagata Y., 283
Yamaguchi I., 629
Yamaji H., 1383
Yamaki M., 283, 1486
Yamamoto Y., 1209
Yamamoto H., 335
Yamamura S., 297
Yamasaki K., 495, 1131, 1455
Yamashita F., 915
Yamashita K., 1189
Yamauchi T., 1429
Yang H. O., 1161
Yang Ye, 1201, 1205
Yann-Lii Leu, 287
Yano K., 689
Yao Y. M., 1347
Yaoita Y., 1765, 1773
Yaozu Chen, 1467
Yasuda I., 467
Yasuda T., 133
Yatagai M., 201
Yenesew A., 525
Yi-Fang Shu, 773
Yi-Xiong Tang, 731, 737
Yih-Shen Hwang, 905
Yili Bai, 1717
Yokoi M., 1179
Yong Ju, 1433
Yoshida T., 241, 863
Yoshikawa K., 1397, 1437
Yoshimura I., 1209
Yoshio K., 1383
Yu J., 1679
Yu Zhao, 1149
Yu-Haey Kuo, 713
Yu-Shia Cheng, 1109
Yu-Yi Chan, 287
Yu-qing Liu, 827
Yun Hin Taufiq-Yap, 561
Yunovitz H., 663
Yürüker A., 1083

Zahradníčková H., 1301
Zallocchi E. M., 449
Zamorano G., 187
Zapp J., 787
Zavodink N., 1327
Zaw K., 1659
Zeches M., 425
Zechner G., 1305
Zhan Wang, 905
Zhongjian Jia, 1149, 1433
Zhou Y., 1403
Zienna P., 137
Zimmerlin A., 1491
Zuily-Fodil Y., 1237
Zúñiga G. E., 669
Zwanzger M., 1737

SUBJECT INDEX

A
Abscisic acid,
  achiral cyclohexadienone analogues of 289
  in sunflower xylem sap, drought-induced changes in 345
  presence of in liverworts 625
Acampae praemorsa, phenanthropyran from 909
Acanthaceae 1251, 1477, 1599
Acetophenones, from *Melicope* 565
Acetylenes, from *Artemisia* 1095
Acetylenes, from *Limonium* 757
Aconitum talassicum, diterpenoid alkaloids from 1467
A. vulparia, norditerpenoid alkaloids from 271
S-Adenosyl-L-methionine: theobromine 1-*N*-*methyl-transferase*, catalysing caffeine synthesis in coffee 1577
Aglaia leucophylla, secotirucallane triterpenes from 1143
Ailanthus malabarica, alkaloids and quassinoids from 579
Ajania fruticulosa, sesquiterpene lactones from 1347
Albizzia myriophylla, lignan glycosides from 1455
Algae 307, 509, 673, 1075, 1269, 1327, 1447, 1615, 1625
Alkaloid
  accumulation, in *Fagara* cell cultures 425
  production, by *Brucea*, effect of growth regulators on 421
Alkaloids,
  benzophenanthridine, elicitor-stimulated biosynthesis of in *Sanguinaria* 415
  diterpenoid,
    from *Aconitum* 1467
    from *Delphinium* 1717
    from *Ailanthus* 579
    from *Anthoceros* 899
    from *Cuscuta* 1755
    from *Melodinus* 1055
    from *Stemona* 1201, 1205
  glucoindole, from *Sickingia* bark 1471
  in *Spartium* populations, as defence against predators 1197
  indole,
    from *Alstonia* 1745
    from *Brucea* 575
    from *Murraya* 287
    from *Tabernaemontana* 1729, 1737
  lignanamide, from *Jacquemontia* 1637
  lupin,
    from *Lupinus* seeds 1571
    glycosidic, from *Lupinus* 591
  Lycopodium, from *Lycopodiastrum* 1579
  norditerpenoid, from *Aconitum* 271
  pyrrolizidine,
    from *Lithospermum* 275
    levels of, in *Cynoglossum* leaves of different ages 1013
    proton NMR spectroscopy of 43
  quinolone, from *Esenbeckia* 1193
  spermine, from *Aphelandra*, enzymatic transformation of 1251
Aloe ferox, naphtho[2,3-*c*]furans from 1147
Alpinia conchigera, 1,7-diarylheptanoid from 871
Alstonia glaucescens, indole alkaloids from 1745
Amino acid, from *Solorina* 1209
Anagallis arvensis, triterpenoid glycosides from 1397
Anagallis arvensis, diterpenoid from 787
Andrographis paniculata, labdane diterpenes from 1477
Annonaceae 1659, 1763
Anthoceros agrestis, alkaloid from 899
Anthocyanin sulphates, from *Babiana* 885
Anthocyanins,
  acylated, from red–purple orchid flowers 1179
  from *Sorghum*, analysis of by plasma desorption mass spectrometry 557
Anthraquinone glycoside, from *Cassia* leaves 1685
Anthraquinones,
  coupled, from *Dermocybe* 1679
  from *Chamaecrista* 837
  from *Kniphofia* 525
Anthrone, from *Kniphofia* 525
Antifeedant activity, of *neo*-clerodanes from *Teucrium*, effect of chemical transformations on 147
Antifungal
  activity, of glycoalkaloids from *Solanum* 1007
  biphenyls and xanthones, from *Monnina* 875
  cannabiorcichromenic acids, from *Cylindrocarpon* 159
  compounds, in higher plants 19
Anti-inflammatory triterpene saponins, from *Pithecellobium* 1425
Anti-oral microbial isoflavonoids, from *Ormosia* 899
Antioxidant
  activity, of depsides and depsidones 1585
  flavonoids, from *Rosmarinus* leaves 1463
  system, in *Boea*, and desiccation tolerance 377
Antitumour-promoter activity, of steroidal saponins from *Lilium* bulbs 227
Aphelandra tetragona enzymatic transformation of spermine alkaloid from 1251
Apium graveolens, effect of mevalonic acid on sterol biosynthesis in 1301
Apocynaceae 401, 769, 1037, 1055, 1429, 1729, 1737, 1745
Arachis hypogaea, immunogenicity of *N*-glycans from 933
Aralia cordata, chemical properties of lignin from 445
Araliaceae 445, 1131
Arctium lappa, butyrolactone lignan dimer from 1161
Ardisia crenata, triterpenoid saponins from 1389
Aristolochia cinnabarina, aristolochic acids from 237
Aristolochiaceae 237
Aristolochic acids, from *Aristolochia* 237
Arnica longifolia, flavonids from 1635
Aromatic esters, from *Cheirolophus* 1101
Artemisia, sesquiterpene lactones from 477
A. annua, terpenoids and essential oil constituents from 183
A. capillaris, seed germination inhibitor from 689
A reptans, sesquiterpene lactones and acetylenes from 1095
Asclepiadaceae 217, 801, 1605
Asclepias curassavica, cardenolide synthesis from malonate in 1605
A. fruticosa,
  cardenolide glycosides from 801
  steroidal and cardenolide glycosides from 217
Asphodelaceae 525
Astragalus membranaceus, cycloartane triterpene glycosides from 1403
Atriplex stocksii, triterpenoids from 1123
Auxin-inhibiting benzoxazolinones, structure–activity relationships of 297

B

Babiana stricta, anthocyanin sulphates from 885
Baccharane glycosides, from *Impatiens* seeds 1437
Bacteria 373
Balsaminaceae 1437, 1486
Beauveria tenella, cyclodepsipeptides from 1301
Benzoxazolinones, from maize shoots, structure–activity relationships of 297
3-Benzylphthalides, from *Frullania* 1337
Beta vulgaris,
  seco-glycosides of oleanic acid from 1667
  induction of phenolics in, by *Rhizoctonia* infection 691
Betacyanins, from *Bougainvillea* bracts 761
Betaine lipid, from *Pavlova* 279
Betula pubescens, triterpene caffeates from 795
Betulaceae 795
Bibenzyl cannabinoid, from *Radula* 859
Biflavonoids, from *Wikstroemia* 879
Biologically active
  acetylene, seed germination inhibitory, from *Artemisia* 689
  biphenyls, antifungal, from *Monnina* 875
  brassinosteroids, root growth inhibitory activity of 1277
  cannabiorcichromenic acids, antifungal, from *Cylindrocarpon* 159
  chromenes, insecticidal, acaricidal and nematocidal, from *Rhyncholacis* 1593
  neo-clerodanes, from *Teucrium*, antifeedant activity of analogues of 147
  depsides and depsidones, antioxidant activity of 1585
  diterpenoids,
    cytotoxic, from *Polyalthia* 1659
    from *Elaeoselinum*, gibberellin-like acitivity of 635
  flavonids,
    antioxidant, from *Rosmarinus* 1463
    UV-B protective, from *Quercus* leaf hairs 987
  glycoalkaloids, from *Solanum*, synergistic antifungal activity of 1007
  hamamelitannin, from *Hamamelis*, oxygen scavenger activity of 337
  isoflavonoids, anti-oral microbial, from *Ormosia* 889
  lectin, with mitogenic activity, from *Erythrina* seeds 1069
  ent-13-*epi*-manoyl oxides, antileishmania active, biotransformation of by *Curvularia* 741
  monoterpene, immunosupressive, from *Eucommia* 281
  peptides, trypsin/chymotrypsin inhibitory, from wounded tobacco leaves 921
  phenalenone, as a phytoalexin, from *Musa* 383
  phenolics, induced by *Rhizoctonia* infection, in sugarbeet 691
  purine riboside, cytotoxic, from *Lepista* 1589
  sesquiterpenoid, produced as a phytoalexin by *Nicotiana* hairy roots 349
  steroidal saponins, antitumour-promoting, from *Lilium* bulbs 227
  6-styrylpurines, β-substituted, cytokinin activities of 915
  triterpene, cytotoxic, from *Aglaia* stem bark 1143
  triterpene saponins, anti-inflammatory, from *Pithecellobium* 1425
  xanthrones, antifungal, from *Monnina* 875
Biosynthesis,
  of alkaloids,
    benzophenanthridine, elicitor-stimulated, in bloodroot 415
    tropane, in *Datura* root cultures 391
  of cardenolides, in *Asclepias*, from malonate 1605
  of DIMBOA, in maize, using deuterium oxide as tracer 167
  of iridoid glucosides, in *Thunbergia* 1599
  of iridoids, in *Forsythia* 173
  of neurotoxin, in *Lathyrus* callus 713
  of petroselinic acid, in carrot embryos 749
  of sterols, in celery, effects of excess exogenous mevalonic acid on 1031
  of L(+)-tartaric acid, in *Parthenocissus* and *Vitis* 1017
Biotransformation,
  of *ent*-16β,17-epoxykauranes, by *Gibberella* 717
  of globulol and 7-epiglobulol, by *Cephalosporium* 1023
  of globulol and ledol, by *Glomerella* 1027
  of *ent*-19-hydroykaur-16-en-15-one, by *Cephalosporium* 387
  of ionones, by immobilized *Nicotiana* cells 737
  of *ent*-13-*epi*-manoyl oxides, by *Curvularia* 741
  of monoterpene hydrocarbons, by *Nicotiana* and *Catharanthus* cultures 401
  of piperitone, by *Catharanthus* cultures 1037
  of progesterone,
    by *Cephalosporium* 723
    by microalgal cultures 1269
  of terpineols, by microsomal fraction of tobacco 731
Biphenyls, antifungal, from *Monnina* 875
Bisbibenzyl, from *Radula* 859
Boea hygroscopica, desiccation tolerance and antioxidant system in 377
Boraginaceae 275, 1013, 1621
Boronia coerulescens, *O*-prenylated flavonoids from 259
Bougainvillea glabra, betacyanins from 761
Brassica napus, volatile emission from flowers and leaves of 695
Brassinosteroids, root growth inhibitory activity of 1277
Bredia tuberculata, hydrolysable tannins from 863
Bromoperoxidase, from *Corallina*, bromination of phenols by 307
Broussonetia papyrifera, phenolics from 851
Brucea javanica, effect of growth regulators on alkaloid production by 421
B. mollis, indole alkaloids from 575
Bryopteris fifcina, sesqui- and diterpenoids from 433
Butyrolactone derivatives, from *Arctium* 1161

C

C_6–C_3 compounds, prenylated, from *Illicium* 1653
Caffeic acid glycoside ester, from *Orobanche*, X-ray analysis of 855
Caffeine synthesis, in coffee, catalysis of by *N*-methyltransferase 1577
Callicarpa macrophylla, diterpenoid from 587
Calvatia cyathiformis, steroids from 213
Camellia oleifera, dimeric hydrolsable tannin from 241
Candirone, revised structure of 1189
Cannabaceae 755
Cannabiorcichromenic acids, antifungal, from *Cylindrocarpon* 159
Cannabis sativa, phloroglucinol glucoside from 755
Capillen, from *Artemisia* roots 689
Capsicum annuum, steroidal glycosides from 831
Caputo nigri, nor-cucurbitacin glucosides from 817
Cardenolide
  glycosides,
    from *Asclepias* 217, 801
    from *Thevetia* 1429
  synthesis, from malonate, in *Asclepias* 1605
Carotenoid composition, in normal cultivar and *stay-green* mutant of *Festuca* 1257
Cassia angustifolia, anthraquinone glycoside from 1685
Cassipourea gummiflua, methylated A-type proanthrocyanidins from 551
Castela peninsularis, quassinoid and steroid from 1451
Catharanthus roseus,
  biotransformation of monoterpene hydrocarbons by cultures cells of 401
  hydroxylation of piperitone by 1037
Cell wall structure and composition, in *Sophora* cotyledons 317

Centaurea glastifolia, guaianolides from 487
Cephalomannine, from *Taxus*, effect of postharvest storage on 405
Cephalosporium aphidicola,
diterpenoid biotransformation by 387
hydroxylation of progesterone by 723
sesquiterpenoid hydroxylation by 1023
Cestrum diurnum, free vitamin D_3 metabolites from 677
Chalcone
glycoside, from *Clerodendrum* 1775
isomerase, from *Citrus* 127
Chamaecrista greggii, cassanes and anthraquinones from 837
Cheirolophus, sesquiterpene lactones, lignans and aromatic esters from 1101
Chelonanthus chelonoides, secoiridoid glucosides from 1649
Chemosystematics, of monocotyledons, recent advances in 3
Chemotaxonomic studies
of alkaloid,
in *Melodinus* 1055
lignanamide, in Convolvulaceae 1637
of cyanoglucosides, in *Osmaronia* 1039
of fatty acids, in *Trichodesma* 1621
of ferredoxin amino acid sequence, in *Datura* 429
of flavonoid frond exudate, in *Pentagramma* hybrid 455
of flavonoids,
in *Arnica* flowers 1635
in Phaseolinae 449
of flavonol glycosides, in antarctic *Ranunculus* 1629
of geranyl benzaldehydes, in *Eriostemon* 1287
of *C*-glycosylflavones, methylated, in orchids 1045
of hydrocarbons, in *Polytrichum* 179
of iridoid glycosides, in *Penstemon* 1283
of lignin, in *Aralia* 445
of phenyl ethyl glucosides, in *Chirita* 441
of phloroglucinol glucoside, in *Cannabis* 775
of polysaccharides, in *Lomentaria* 1615
of sesqui- and diterpenoids, in *Bryopteris* 433
of sterols, in green and blue–green algae grown on reused waste water 1625
of terpenes, in *Liatris* 1295
Chenopodiaceae 691, 1123, 1667
Chirita sinensis, phenylethanoid glucosides from 441
Chlorella vulgaris, sterols from 1625
Chlorophyta 1625
Chromenes, bioactive, from *Rhyncholacis* 1593
β-Chromenes, volatile, from *Wisteria* 1769
Chrozophora obliqua, dolabellane diterpene glucosides from 495
Chrysanthemum morifolium, polyamine metabolism in 927
Cinnamic acid derivatives, from *Esenbeckia* 1193
Cinnamomum camphora, glycerols and flavonols from 1641
Cinnamyl alcohol dehydrogenase isoforms, from *Phaseolus* 941
Cinnamylphenols, from *Erythrina* heartwood 1153
Cipadessa fruticosa,
ent-clerodane diterpenes from 505
labdane diterpene from 1213
Cistaceae 533, 1359
Cistus salvifolius, flavan-3-ols and other polyphenols from 533
Cistus sinensis, chalcone isomerase from 127
Clerodendrum inerme, iridoid glycosides from 1083
C. phlomidis, chalcone glycoside from 1775
Clitocybe nebularis, plant cytotoxicity of purine riboside from 1589
Cluytia richaradiana, modified labdane diterpenoids from 1377
Coffea arabica, *N*-methyltransferase catalysing caffeine synthesis in 1577
Compositae 183, 187, 191, 285, 345, 353, 477, 487, 521, 585, 689, 707, 821, 927, 1095, 1101, 1149, 1161, 1185, 1211, 1213, 1295, 1331, 1347, 1635, 1765, 1773
Coniferyl alcohol, oxidation of to lignins, by tobacco xylem cell walls 683
Convolvulaceae 1233, 1637, 1755
Corallina vancouveriensis, bromination of phenols using bromoperoxidase from 307
Cordifolisides, from *Tinospora* 781
Coumarins,
3-aryl, from *Derris* stems 267
from *Melicope* 565
from *Micromelum* 561
sesquiterpenyl, from *Eriostemon* 1287
Crataegus monogyna, polyphenol production in callus cultures of 1273
Cruciferae 289, 695, 1227
Cryptocarya, dihydropyrone from 847
Cryptomeria japonica, labdanes from 1109
Cucurbitaceae 817
Cucurbitacin, from *Gratiola*, structure revision of 1483
Cupressaceae 1699
Curvularia lunata, biotransformation of *ent*-13-*epi*-manoyl oxides by 741
Cuscuta chinensis, alkaloid and lignans from 1755
C. reflexa, multiple forms of pectin methylesterase from 1233
Cyanidin glycoside, acylated,
from red–purple *Dendrobium* flowers 245
from red–purple × *Laeliocattleya* flowers 1179
Cyanoglucosides, from *Osmaronia* 1039
Cyanophyta 1625
Cyathocline lutea, germacranolide from 1211
Cyclodepsipeptides, from *Beauveria* and *Paecilomyces* 1301
Cyclohexadienone analogues, of abscisic acid, biological activity of 289
Cyclopropene acids, in *Trichodesma* seed oil 1621
Cylindrocarpon olidum, antifungal cannabiorcichromenic acids from 159
Cynoglossum officinale, differences in pyrrolizidine alkaloid levels in 1013
Cytochrome P450, review of 1491
Cytokinin activity, of 6-styrylpurines 915
Cytokinins,
aromatic, from *Populus* leaves 1059
in sunflower xylem sap, drought-induced changes in 345
Cytotoxic triterpene, from *Aglaia* stem bark 1143
Cytotoxicity, of purine riboside antibiotic from *Lepista* 1589

D

Dalbergia sissoides, xanthone and 6-ketodehydrorotenoid from 911
Datura arborea, amino acid sequence of ferredoxin from 429
D. stramonium, tropinone reduction in 391
Daucus carota,
accumulation of petroselinic acid in developing embryos of 749
regulation of 6-methoxymellein biosynthesis in 727
Delphinium nuttallianum, di- and norditerpenoid alkaloids from 1717
Dendrobium, acylated cyanidin glycoside from 245
3-Deoxyanthocyanidins, plasma desorption mass spectrometry of 557
Depsides,
antioxidant activity of 1585
from *Salvia* 907
Depsidones, antioxidant activity of 1585
Dermocybe icterinoides, coupled anthraquinones from 1679
Derris scandens, isoflavones and 3-aryl coumarins from 267

Deschampsia antarctica, lipids in leaves of 669
1,7-Diarylheptanoid, from *Alpinia* 871
Dictyota bartayresiana, diterpenes from 509
Digitoxigenyl glycosides, synthetic, structure–activity relationships of 1421
Dihydrocinnamic acids, from *Micromelum* 561
Dihydropyrone, from *Cryptocarya* 847
Dihydrorhizobitoxine, from *Pseudomonas* 373
DIMBOA biosynthesis, in maize, using deuterium oxide as tracer 167
Distemonanthus benthamianus, 3-oxygenated flavonolignoid from 1771
Diterpene cyclase activities, from *Ricinus* 971
Diterpenoid
  acids, from *Lepechinia* 1119
  glucosides, dolabellane, from *Chrozophora* 495
  glycosides, from *Iphiona* 353
Diterpenoids,
  abietane, rearranged, from *Teucrium* 1371
  cassane, from *Chamaecrista* 837
  clerodane,
    cytotoxic, from *Polyalthia* 1659
    from *Heteroscyphus* cultured cells 1263
    from *Vellozia* 1115
  ent-clerodane, from *Cipadessa* 505
  neo-clerodane,
    from *Stachys* 501
    from *Teucrium* 1663
    from *Teucrium*, effect of chemical transformations on antifeedant activity of 147
  dolbrane, from *Endospermum* 197
  ent-epoxykaurane, biotransformation of by *Gibberella* 717
    from *Anastrophyllum* 787
    from *Bryopteris* 433
    from *Callicarpa* 587
    from *Dictyota* 509
    from *Gelonium* roots 1363
    from *Halimium* 1359
    from *Salvia* 1480
  furano-, from *Jamesoniella* 491
  ent-kaurane, from *Isodon* 1367
  ent-kaurene, biotransformation of by *Cephalosporium* 387
  labdane,
    from *Andrographis* 1477
    from *Cipadessa* and *Grangea* 1213
    from *Cluytia* 1377
    from *Cryptomeria* 1109
    from *Hedychium* rhizomes 1383
  tetracyclic, from *Elaeoselinum*, gibberellin-like activity of 635
Drought, effect of, on photodynamic lipid peroxidation 1237
Durvillaea potatorum, lipids from 673
Dysoxylum malabaricum, triterpenoids from 1127
D. pettigrewianum, triterpenoids from 1409

E

Ecdysteroids, from *Leuzea* roots 707
Elaeoselinum, gibberellin-like activity of diterpenoids from 65
Ellagitannins, localization of, in *Quercus* wood 1245
Endospermum diadenum, dolabranes from 197
Entandrophragma cylindricum, peltogynoid from 529
E. delevoyi, limonoids and triterpenoid acids from 1417
Enterolobium cyclocarpum, composition of gum exudate from 1311
Enzymes,
  bromoperoxidase, from alga, used for bromination of phenols 307
  chalcone isomerase, from *Citrus* 127
  cinnamyl alcohol dehydrogenase isoforms, from *Phaseolus* 941
  diterpene cyclase activities, from *Ricinus* 971
  β-glucosidase, acidic, coniferin-hydrolysing, from *Pinus* xylem 311
  O-glucosyltransferase, with activities towards phenolics, from alfalfa 655
  glyoxylate oxidase, from brown-rot basidiomycete 649
  hexose-6-kinases, in honey locust cotyledons 957
  invertase, from *Schizophyllum* 119
  nuclease, single-strand-specific, from wheat chloroplast stromal protein 301
  pectin esterases, from ripe peach fruits 949
  pectin methylesterase, from *Cuscuta*, multiple forms of 1233
  peroxidases, analysis of the interaction between their prosthetic groups 1217
  reductases, from *Datura* transformed root cultures 391
  rutin-degrading, from tartary buckwheat seeds 13
Epoxystyryl, from *Goniothalamus* 1763
Eriostemon myoporoides, sesquiterpenyl coumarins and geranyl benzaldehyes from 1287
Erythrina crista-galli, cinnamylphenols from 1153
E. velutina, mitogenicity of lectin from 1069
Esenbeckia almawillia, alkaloids and cinnamic acids from 1193
Essential oil constituents, from *Artemisia* 183
Eucommia ulmoides, immunosuppressive monoterpene from 281
Eucommiaceae 281
Eugenia jambos, flavonol glycosides from 255
Euphorbiaceae 197, 495, 971, 1363, 1377
Euphydryas, sequestration of iridoids from *Penstemon* by 997

F

Fagaceae 987, 1165, 1245
Fagara zanthoxyloides, alkaloid accumulation in 425
Fagopyrum tataricum, rutin-degrading enzymes in 133
Fagus crenata, ester linkages in lignin-carbohydrate complexes from 1165
Ferredoxin, from *Datura*, amino acid sequence of 429
Ferulic acid
  bridges, estimation of, in unfractionated wheat cell walls 327
  ester, from *Ligularia* 1149
Festuca pratensis, carotenoid composition during leaf development of 1257
Flavanols, from *Cinnamomum* 1641
Flavan-3-ols,
  from *Cistus* 533
  from *Lupinus* seeds 1707
Flavanone, prenylated, from *Tephrosia* 111
Flavone *C*-glycoside-*O*-glycoside, from *Pteris* 589
Flavones,
  from *Graziela* 285
  from *Maclura* fruits 893
  from *Tephrosia*, revised structure of 1189
  C-glycosyl, methylated, as taxonomic markers in orchids 1045
Flavonoid aglycones, from *Flourensia* 1185
Flavonoids,
  antioxidant, from *Rosmarinus* 1463
  evolution of, in Phaseolinae 449
  from *Arnica* flowers 1635
  from farinose exudate of *Pentagramma* hybrid 455
  from *Murraya* 287
  induced in sugarbeet by *Rhizoctonia* infection 691
  peltogynoid, from *Entandrophragma* 529
  O-prenylated, from *Boronia* varieties 259
  UV-B protective, from *Quercus* leaf hairs 987

Flavonol glycosides,
acylated,
from *Polylepis* 1777
from *Rhamnus* 249
from *Eugenia* 255
from *Impatiens* 1486
from *Withania* 1215
from yellow *Lathyrus* flowers 163
Flavonolignoid, 3-oxygenated, from *Distemonanthus* 1771
Flavonostilbene, from *Sophora* roots 1157
Flourensia retinophylla, isobutyroylflavanonol from 1185
Forsythia, iridoid biosynthesis in 173
D-Fructo-6-kinase, from *Gleditsia*, substrate specificity of 957
Frullania dilatata, sesquiterpenoids from 1317
F. muscicola, sesquiterpene lactones and 3-benzylphthalides from 1337
Fungi 119, 125, 159, 213, 279, 387, 649, 691, 717, 723, 741, 1001, 1007, 1023, 1027, 1301, 1589, 1679

G

Gardenia jasminoides,
monoterpenes from 1079
monoterpenoid disaccharide glycosides from 457
Gelonium multiflorum, diterpenoid from 1363
Gentianaceae 1649
Geranyl benzaldehydes, from *Eriostemon* 1287
Germination inhibitor, from *Artemisia* roots 689
Gesneriaceae 377, 441
Gibberella, *fujikuroi*, *ent*-epoxykaurane biotransformation by 717
G. pulicaris, detoxification of by potato phytoalexin 1001
Gibberellin glucoside, from rice anthers 629
Gibberellins, from developing wheat grain 1063
Gleditsia triacanthos, hexose-6-kinases from 957
Globulol,
biotransformation of, by *Glomerella* 1027
hydroxylation of, by *Cephalosporium* 1023
Glomerella cingulata, sesquiterpenoid biotransformation by 1027
Glucose activation and metabolism, through UDP-glucose pyrophosphorylase 1507
β-Glucosidase, acidic, coniferin-hydrolysing, from *Pinus* xylem 311
O-Glucosyltransferases, active toward flavonoids, from alfalfa 655
N-Glycans,
effects of tunicamycin on metabolism of 663
of peanut peroxidase, immunogenicity of 933
Glycerols, from *Cinnamomum* 1641
Glycine max, triterpene alcohol from 1413
Glycoalkaloids, fungal growth inhibition by 1007
Glycosmis angustifolia, sulphones from 1305
C-Glycosylflavone *O*-glycoside, from *Pteris* 589
C-Glycosylflavones, methylated, in orchids of subtribe Ornithocephalinae 1045
Glyoxylate oxidase, from brown-rot fungus 649
Goniothalamus sesquipedalis, epoxystyryl lactone from 1763
Gramineae 137, 167, 289, 297, 301, 327, 335, 557, 629, 669, 1063, 1257
Grangea maderaspatana, labdane diterpene from 1213
Gratiola officinalis, structural revision of cucurbitacin from 1483
Gratioside, structural revision of 1483
Graziela mollissima, flavones from 285
Grossulariaceae 1703
Growth
inhibition, of tomato roots, by brassinosteroids 1277
regulators, effect of, on alkaloid production by *Brucea* cell cultures 421
Gum exudate, from *Enterolobium*, structural study of 1311
Guttiferae 283

H

^{3}H transfer, from D-gluconic acid to L-tartaric acid, in *Parthenocissus* and *Vitis* 1017
Halimium viscosum, diterpenoids from 1359
Hamamelidaceae 337
Hamamelis virginiana, oxygen scavenger activity of hamamelitannin from 337
Hamamelis virginiana, oxygen scavenger activity of hamamelitannin from 337
Haplophyllum cappadocicum, lignans and lignan glycosides from 1693
Harrisonia brownii, limonoids from 1443
Hedychium coronarium, labdane diterpenes from 1383
Helianthus annuus, changes in xylem sap contents of drought-stressed plants of 345
Hepaticae 233, 433, 491, 625, 773, 777, 787, 859, 1091, 1263, 1317, 1323, 1337, 1459, 1767
Heteroscyphus planus, clerodane diterpenes from 1263
Hexose-6-kinases, from honey locust cotyledons 957
Hydrocarbons, from *Polytrichum* 179
Hypericum japonicum, 2-pyrone from 283

I

Icacinaceae 1139
Icacinic acid, from *Poraqueiba* 1139
Illiciaceae 1653
Illicium tashiroi, prenylated C_6–C_3 compounds from 1653
Immunosuppressive monoterpene, from *Eucommia* 281
Impatiens balsamina,
baccharane glycosides from 1437
flavonol glycoside from 1486
Inerminosides, from *Clerodendrum* 1083
Insecticidal chromenes, from *Rhyncholacis* 1593
Inulin, as inducer of acid invertase 125
Invertase,
from *Schizophyllum* 119
induction of, by inulin 125
Ionol glucosides, from *Linaria* 461
Ionones, biotransformation of, by immobilized tobacco cells 737
Iphiona aucheri, diterpene glycosides from 353
Iridaceae 701, 807, 885, 979
Iridals, in *Iris* rhizomes, effects of wounding and dehydration on 701
Iridoid
glycosides,
biosynthesis of in *Thunbergia* 1599
from *Clerodendrum* 1083
from *Penstemon* 1087, 1283
from *Penstemon*, sequestered by butterflies 997
lactones, from *Patrinia* roots 467
Iridoids,
biosynthesis of, in *Forsythia* 173
from *Plumeria* leaves 769
Iris, effects of wounding and dehydration on iridal levels in 701
I. germanica, free radicals in 979
I. tectorum, spirotriterpene–quinone adducts from 807
Isocoumarins, from *Wettsteinia* 233, 1459
Isodon nervosus, *ent*-kauranoids from 1367
Isoflavanones, from *Sophora* roots 1713
Isoflavones,
from *Derris* stems 267
from *Maclura* fruits 893
Isoflavonoids, anti-oral microbial, from *Ormosia* 889

J

Jacquemontia paniculata, lignanamide alkaloids from 1637
Jamesoniella autumnalis, furanoditerpenoid from 491
Juncaceae 515
Juncus effusus, cycloartane glucosides from 515

K

Keto-acetate, from *Syncarpia* leaf volatiles 1645
Kniphofia foliosa, anthrone, anthraquinone and oxanthrones from 525

L

Labiatae 147, 501, 543, 907, 1119, 1367, 1371, 1463, 1480, 1663
× *Laeliocattleya* cv Mini Purple, acylated cyanidin glycoside from 1179
(+)-(*Z*)-Lanceol acetate, from *Torilis* 473
Lathyrus aphaca, basis of yellow flower colour in 163
L. sativus, biosynthesis of β-*N*-oxalyl-*L*-α,β-diamino-proppionic acid in 713
Lauraceae 201, 847, 905, 1641
Lectin, mitogenic, from *Erythrina* seeds 1069
Leguminosae 111, 163, 267, 317, 449, 591, 641, 655, 713, 837, 889, 911, 933, 941, 957, 1069, 1153, 1157, 1189, 1197, 1237, 1311, 1403, 1413, 1425, 1455, 1685, 1707, 1713, 1751, 1769, 1771
Lepechinia caulescens, di- or triterpenoid acids from 1119
Lepidozia, sesquiterpenoid from 773
Lepista nebularis, plant cytotoxicity of purine riboside from 1589
Leuzea carthamoides, ecdysteroids from 707
Liatris ohlingerae, terpenes from 1295
Lichens 1209
Lignan
  dimer, from *Arctium* 1161
  glycosides, from *Albizzia* bark 1455
Lignans
  from *Cheirolophus* 1101
  from *Cuscuta* 1755
  from *Haplophyllum* 1693
  from *Picea* cell cultures 409
  from *Thuja* wood 1699
  from *Zanthoxylum* 867
Lignin–carbohydrate complexes, from *Fagus*, ester linkages in 1165
Lignins,
  from *Aralia* 445
  from blackcurrant stems 1703
Ligularia nelumbifolia, sinapyl alcohol derivatives from 1149
Liliaceae 227, 1147, 1433
Lilium longiflorum, steroidal saponins with antitumour-promoter activity from 227
Limonia acidissima, tyramine derivatives from 757
Limonoids,
  from *Entandrophragma* bark 1417
  from *Harrisonia* 1443
Linaria japonica, ionol glucosides and monoterpene diglucosides from 461
Lipids,
  from *Durvillaea* 673
  in antarctic *Deschampsia* leaves 669
  sucrose esters of, from surface of *Nicotiana* 143
Lithospermum officinale, pyrrolizidine alkaloids from 275
Lomentaria catenata, agarose–carrageenan hybrid polysaccharides from 1615
Lupinus albus,
  lupin alkaloid from 1751
  seed storage proteins from 641
L. angustifolius, flavan-3-ols from 1707
L. hursutus, glycosidic alkaloid from 591
Lycopersicon esculentum, effect of tunicamycin on *N*-glycan metabolism in 663
Lycopodiaceae 1759
Lycopodiastrum casuarinoides, *Lycopodium* alkaloids from 1759

M

Maclura pomifera, isoflavones and flavone from 893
Madhuca butyracea, triterpenoid saponins from 827
Malvidin glycoside sulphates, from *Babiana* 885
ent-13-*epi*-Manoyl oxides, biotransformation of by *Curvularia* 741
Marchantia polymorpha, abscisic acid in 625
Marsupella aquatica, sesquiterpenoids from 777
M. emarginata, *ent*-longipinane sesquiterpenoid from 1767
MBOA, production of by *Scoparia* 1611
Medicago sativa, *O*-glucosyltransferases active toward flavonoids from 655
Melanthera scandens, triterpenoid saponins from 821
Melastoma normale, hydrolysable tannins from 863
Melastomataceae 863
Meliaceae 505, 529, 1127, 1143, 1213, 1409, 1417
Melicope stipitata, acetophenones and coumarins from 565
Melodinus morsei, alkaloids from 1055
Menispermaceae 781
6-Methoxy-2-benzoxazolinone, production of in *Scoparia* 1611
6-Methoxymellein, in *Daucus*, regulation of biosynthesis of 727
Methylthiopropenoic acid amides derived sulphones, from *Glycosmis* 1305
Mevalonic acid, effects of, on sterol biosynthesis in celery 1031
Micromelum minutum, coumarin and dihydrocinnamic acids from 561
Mikania dusenii, germacranolides and sesquiterpene dilactones from 187
Monnina obtusifolia, antifungal biphenyls and xanthones from 875
Monocotyledons, chemosystematics of 3
Monooxygenases, involvement of in allylic hydroxylation of terpineols in tobacco cell cultures 731
Monoterpenoid diglycosides,
  from *Gardenia* 457
  from *Linaria* 461
Monoterpenoids,
  biotransformation of,
    by *Catharanthus* cultures 1037
    by *Nicotiana* and *Catharanthus* cultures 401
  from *Gardenia* fruits 1079
  from *Umbellularia* 905
  immunosuppressive, from *Eucommia* 281
Moraceae 851, 893, 991
Morus alba, salinity effects on nitrogen metabolism in 991
Murraya paniculata, flavonoid and indole alkaloid from 287
Musa acuminata, phenalenone phytoalexin from 383
Musaceae 383
Musci 179, 899
Myrsinaceae 1389, 1671
Myrsine pellucida, triterpene saponins from 1671
Myrtaceae 255, 1645

N

Naphthalene, from *Wettsteinia* 233, 1459
Naphtho[2,3-*c*]furans, from *Aloe* 1147
Nebularine, from *Lepista*, plant cytotoxicity of 1589
Neolitsea sericea, lanostane triterpenes from 201
Neurotoxin, biosynthesis of, in grass pea 713
Nicotiana cavicola, sucrose esters from surface lipids of 143
N. tabacum,
  Biotransformation of ionones by immobilized cells of 737
  introduction of oxygenated functional groups into monoterpenoids by 401

involvement of monooxygenase in allylic hydroxylation of terpineols in 731
oxidation of coniferyl alcohol to lignins 683
sesquiterpenoid phytoalexins produced by hairy roots of 349
wound-induced trypsin/chymotrypsin inhibitory peptides in 921
Nitrogen metabolism, in mulberry, effect of salinity on 991
Nor-cucurbitacin glucosides, from *Caputo* 817
Norditerpene furan glycosides, from *Tinospora* 781
Nuclease, single-strand-specific, from wheat chloroplast stromal protein 301
Nyctaginaceae 761

O

Olea europaea, pentacyclic triterpene acids from 205
Oleaceae 173, 205
Oraposide, from *Orobanche*, X-ray analysis and NMR study of 855
Orchidaceae 245, 909, 1045, 1179
Ormosia monosperma, anti-oral microbial isoflavonoids from 889
Ornithine aminotransferase activity, in radish cotyledons, effect of water stress on 1227
Ornithocephalinae, methylated *C*-glycosylflavones as taxonomic markers in 1045
Orobanchaceae 855
Orobanche rapum-genistae, X-ray analysis and NMR study of oraposide from 855
Oryza sativa, gibberellin glucoside from anthers of 629
Osmaronia cerasiformis, cyanoglucosides from 1039
Oxanthrones, from *Kniphofia* 525

P

Paecilomyces fumosoroseus, beauverolides from 1301
Papaveraceae 415
Parthenocissus quinquefolia, ^{3}H transfer from D-gluconic acid to L-tartaric acid in 1017
Patrinia scabra, iridolactones from 467
Pavlova lutheri, betains lipid from 279
Pectin
esterases, from ripe peaches 949
methylesterase, from *Cuscuta* filaments 1233
Peltogynoids, from *Entandrophragma* 529
Penstemon, iridoid glycosides from 997, 1283
P. acuminatus, iridoid glycoside esters from 1087
Pentagramma triangularis hybrid, flavonoids from frond exudate of 455
Peptides, trypsin–chymotrypsin inhibitory, induced by wounding in *Nicotiana* 921
Perilla frutescens, phenylpopanoid glucoside from 543
Peroxidases, analysis of the interaction between prosthetic groups of 1217
Peroxidation, photodynamic, of lipids, effect of drought on 1237
Petasites japonicus,
nor-sesquiterpenoid from 1765
phenolic from 1773
Petroselinic acid, accumulation of, in developing carrot embryos 749
Phaeophyceae, sterols from 1447
Phaeophyta 509, 673, 1327, 1447
Phaseic acid, in sunflower xylem sap, drought-induced changes in 345
Phaseolinae, evolution in flavonoids in 449
Phaseolus vulgaris,
cinnamyl alcohol dehydrogenase isoforms from 941
effect of drought on photodynamic peroxidation of lipids from 1237
Phenalenone-type phytoalexin, from *Musa* 383
Phenanthropyran, from *Acampae* 909
Phenolics,
from *Broussonetia* 851
from *Petasites* rhizomes 1773
from *Punica* leaves 1175
from *Withania* 1215
induction of in sugar beet, by *Rhizoctonia* 691
Phenylethanoid
glucosides, from *Chirita* 441
glycosides, from *Veronica* 547
Phenylpropanoid glucoside, from *Perilla* 543
Phenylpropanoid glycosides, from *Prunus* 1689
Phenylpropanoids, from *Pimpinella* 539
Phloroglucinol glucoside, from *Cannabis* 755
Phytoalexins,
from carrot, regulation of biosynthesis of 727
from potato, detoxification of by *Gibberella* 1001
in higher plants 19
induced in sugarbeet roots, by *Rhizoctonia* 691
phenalenone-type, from *Musa* 383
sesquiterpenoid, from *Nicotiana* hairy roots 349
Picea glehnii, lignans from cultures of 409
P. jezoensis, serratenes from 209
Piceid, from *Vitis* 571
Pimpinella villosa, phenylpropanoids from 539
Pinaceae 209, 311, 409
Pinus banksiana, acidic coniferin-hydrolysing β-glucosidase from 311
Piperitone, hydroxylation of, by *Catharanthus* cultures 1037
Pithecellobium dulce, anti-inflammatory triterpene saponins from 1425
Plagiochila porelloides, sesquiterpene esters from 1091
Plasma desorption mass spectrometry, of anthocyanins in *Sorghum* 557
Pleuchea lanceolata, ursane triterpenoids and sterols from 521
Plumeria obtusa, iridoids from 769
Podostemaceae 1593
Polyalthia barnesii, cytotoxic clerodane diterpenes from 1659
Polyamine metabolism, in normal and sterile *Chrysanthemum* 927
Polygalaceae 875
Polygonaceae 133
Polylepis incana, acylated flavonol glycoside from 1777
Polyphenol production, in *Crataegus* callus cultures 1273
Polyphenols,
astringency and affinity of for proline-rich proteins 357
from *Citus* 533
Polysaccharides,
agarose–carrageenan hybrid, from *Lomentaria* 1615
cold water-soluble, from tetrasporic *Pterocladia* 1075
Polytrichum commune, hydrocarbons from 179
Populus × *canadensis*, aromatic cytokinin from 1059
Poraqueiba guianensis, triterpenoid from 1139
Pregnane glycoside, from *Thevetia* 1429
Primulaceae 1397
Proanthocyanidins,
from *Cistus* 533
methylated A-type, from *Cassipourea* 551
Progesterone,
bioconversion of, by microalgal cultures 1269
hydroxylation of, by *Cephalosporium* 723
Proline content, of radish cotyledons, effect of water stress on 1227
Proteins,
proline-rich, affiinity of tannins for 357
storage, from *Lupinus* seeds 641
Prunus persica, pectin esterases from 949
P. ssiori, phenylpropanoid glycosides from 1689
Pseudomonas andropogonis, dihydrorhizobitoxine from 373
Pteridophyta 455, 589
Pteris cretica, luteolin 8-*C*-rhamnoside-7-*O*-rhamnoside from 589

Pterocladia capillacea, cold water-soluble polysaccharides from 1075
Punica granatum, leaf phenolics from 1175
Punicaceae 1175
Purine riboside, from *Lepista*, plant cytotoxicity of 1589
2-Pyrone, from *Hypericum* 283

Q

Quassinoids,
from *Ailanthus* 579
from *Castela* 1451
Quercetin glycosides, from antartic *Ranunculus* 1629
Quercus, localization of ellagitannins in 1245
Q. ilex, UV-B protective flavonoids in leaf hairs of 987

R

Radicals, formed in *Iris* rhizozomes 979
Radula perrottetii, bibenzyl cannabinoid and bisbibenzyl from 859
Ranunculaceae 271, 1467, 1629, 1717
Ranunculus, quercetin glycosides from 1629
Raphanus sativus, effects of water stress on proline content and ornithine aminotransferase activity in 1227
Rhamnaceae 249
Rhamnus petiolaris, acylated flavonol glycoside from 249
Rhizoctonia solani, induction of phenolics in sugarbeet by 691
Rhizophoraceae 551
Rhodophyta 307, 1075, 1615
Rhyncholacis penicillata, bioactive chromenes from 1593
Ribes nigrum, stem lignin from 1703
Ricinoleic acid, in *Trichodesma* seed oil 1621
Ricinus communis, diterpene cyclase activities from 971
Rishitin, from potato, detoxification of by *Gibberella* 1001
5S rRNAs, cytoplasmic, dynamic conformation of 113
Rosaceae 949, 1039, 1273, 1689, 1777
Rosmarinus officinalis, antioxidant flavonoids from 1463
Rotenoid, from *Dalbergia* 911
Rubiaceae 457, 1079, 1471, 1577
Rutaceae 127, 259, 287, 425, 561, 565, 757, 867, 1193, 1287, 1305, 1693
Rutin-degrading enzymes, in *Fagopyrum* seeds 133

S

Salicaceae 1059
Salicyclic acid, mass spectrometric quantification of 335
Salvia flava, depside from 907
S. lavanduloides, diterpenoids from 1480
Sanguinaria canadensis, elicitor-stimulated benzophenanthridine alkaloid biosynthesis in 415
Saponins,
steroidal,
antitumour-promoting, from *Lilium* 227
from *Smilax* 1433
triterpenoid,
antiflammatory, from *Pithecellobium* 1425
from *Ardisia* 1389
from *Beta* 1667
from *Madhuca* 827
from *Melanthera* 821
from *Myrsine* 1671
Sapotaceae 827
Scapania undulata, cadinane sesquiterpenoids from 1323
Scenedesmus, sterols from 1625
S. quadricauda, progesterone bioiconversion by 1269
Schefflera octophylla, triterpene glycosides from 1131
Schizophyllum commune, invertase from 119
Scoparia dulcis, production of 6-methoxy-2-benzoxazolinone in 1611
Scrophulariaceae 461, 547, 997, 1087, 1283, 1483, 1611
Secoiridoid glucosides, from *Chelonanthus* 1649
Seseli vayredanum, sesquiterpene lactones from 1351
Sesquiterpene
dilactones, from *Mikania* 187
esters,
bisabolane, from *Torilis* 473
from *Plagiochila* 1091
lactones
from *Ajania* 1347
from *Artemisia* 477, 1095
from *Cheirolophus* 1011
from *Frullania* 1377
from *Seiseli* 1351
from *Stevia* 1331
from *Vernonia* 191
germacranolides,
from *Cyathocline* 1211
from *Mikania* 187
from *Vicoa* 585
guaianolides, from *Centaurea* 487
Sesquiterpenoid phytoalexins, from *Nicotiana* hairy roots 349
Sesquiterpenoids,
biotransformation of, by *Glomerella* 1027
cadinane, from *Scapania* 1323
daucane, from Umbelliferae 597
from *Bryopteris* 433
from *Frullania* 1317
from *Lepidozia* 773
from *Marsupella* 777
from *Taonia* 1327
hydroxylation of, by *Cephalosporium* 1023
ent-longipinane, from *Marsupella* 1767
nor-, from *Petasites* rhizomes 1765
Sickingia, glucoindole alkaloids from 1471
Simaroubaceae 421, 575, 579, 1443, 1451
Sinapyl alcohol derivatives, from *Ligularia* 1149
Smilax, steroidal saponins from 1433
Solanaceae 143, 349, 391, 401, 429, 663, 677, 683, 731, 737, 831, 921, 1215, 1277, 1725
Solanum anguivi, steroid alkaloid glycosides from 1725
Solasonine, synergistic effects with solamargine against fungal growth 1007
Solorina crocea, amino from 1209
Sophora, cell wall composition of cotyledons of 317
S. leachiana, flavonostilbene and stilbene oligomers from 1157
S. prostrata, isoflavanones from 1713
Sorghum bicolor, plasma desorption mass spectrometry of anthocyanins from 557
Spartium junceum, alkaloids as defence against predators of 1197
Spirotriterpene–quinone adducts, from *Iris* 807
Spirulina maxima, sterols from 1625
Sporobolus stapfianus, low-molecular weight substances from 137
Stachys rosea, *neo*-clerodane diterpenoids from 501
Stemona japonica, alkaloids from 1205
S. tuberosa, alkaloids from 1201
Stemonaceae 1201, 1205
Steroid alkaloid glycosides, from *Solanum* 1725
Steroidal glycosides,
from *Asclepias* 217
from *Capsicum* 831
Steroids,
from *Calvatia* 213
from *Castela* 1451
Sterol biosynthesis, in celery cultures, effect of mevalonic acid on 1031
Sterols,
from algae grown on reused waste water 1625
from Brazilian brown algae 1447
from *Pleuchea* 521
Stevia breviaristata, sesquiterpene lactones from 1331

Stilbene
glucoside, from grape berries 571
oligomers, from *Sophora* roots 1157
Structure–activity relationships,
of auxin-inhibiting benzoxazolinones 297
of cyclohexadienone analogues of abscisic acid 289
6-Styrylpurines, β-substituted, synthesis, structure and cytokinin activity of 915
Sucrose esters, from *Nicotiana* surface lipids 143
Sulphones from *Glycomis* 1305
Syncapia hillii, keto-acetate from 1645

T

Tabernaemontana glandulosa, indole alkaloids from 1737
T. markgrafiana, indole alkaloids and terpenoids from 1729
Tannins,
astringency and affinity of for proline-rich proteins 357
hydrolysable,
dimeric, from *Camellia* 241
from *Bredia* and *Melastoma* 863
Taonia atomaria, *sesquiterpenes from* 1327
Taxaceae 405
Taxodiaceae 1109
Taxol, from *Taxus*, effect of postharvest storage on 405
Taxux × *media*, effect of postharvest storage on taxol and cephalomannine concentrations in 405
Tephrosia candida, revised structure of flavone from 1189
T. maxima, prenylated flavanone from 111
Terpenoids,
cadinane, from *Artemisia* 183
from *Liatris* 1295
Teucrium, effect of chemical transformations on antifeedant activity of *neo*-clerodanes from 147
T. divaricatum, rearranged adietane diterpenes from 1371
T. polium, *neo*-clerodane diterpenoids from 1663
Theaceae 241
Thevetia neriifolia, cardenolide and pregnane glycosides from 1429
Thiol composition, of *Viscum* and its hosts' xylem sap 975
Thunbergia alata, biosynthesis of iridoid glucosides in 1599
Thuja occidentalis, lignan from 1699
Thymeliaceae 879
Tinospora cordifolia, norditerpene from glycosides from 781
ortho-Topolin-9-glucoside, from *Populus* 1059
Torilis arvensis, bisabolane sesquiterpene ester from 473
Trichodesma zeylanicum, ricinoleic and cyclopropane acids in seeds of 1621
Triterpenoid
acids,
from *Entandrophragma* bark 1417
from *Lepechinia* 1119
pentacyclic, from olives 205
alcohol, from *Glycine* seeds 1413
caffeates, from *Betula* bark 795
glycosides,
cycloartane,
from *Astragalus* hairy root cultures 1403
from *Juncus* 515
from *ANagallis* 1397
from *Schefflera* 1131
Triterpenoids,
from *Atriplex* 1123
from *Dysoxylum* 1127, 1409
from *Poraqueiba* 1139
from *Tabernaemontana* 1729
lanostane, from *Neolitsea* 201
pentacyclic, ^{13}C NMR spectra of 1517
secotirucallane, from *Aglaia* bark 1143
serratene, from *Picea* bark 209
ursane, from *Pleuchea* 521
Triticum aestivum,
estimation of ferulic acid bridges in 327
gibberellins from 1603
T. vulgare, single-strand-specific nuclease from 301
Tropinone reduction, in *Datura* root cultures 391
Tunicamycin, effect of, on *N*-glycans in relation to tomato ripening 663
Tyramine derivatives, from *Limonia* 757
Tyromyces palustris, glyoxylate oxidase from 649

U

UDP-glucose pyrophosphorylase, glucose activation and metabolism by 1507
Umbelliferae 473, 539, 597, 635, 727, 749, 1031, 1351
Umbellularia californica, monoterpene from 905
UV-B protective flavonoids, in *Quercus* leaf hairs 987

V

Valerianaceae 467
Vellozia bicolor, diterpenes from 1115
Velloziaceae 1115
Verbenaceae 587, 1083, 1175
Vernonia, sesquiterpene lactones from 191
Veronica persica, phenylethanoid glycosides from 547
Vicoa indica, *cis*, *cis*-germacrenolide from 585
Vigna unguiculata, effect of drought on photodynamic peroxidation of lipids from 1237
Viscaceae 975
Viscum album, thiol composition of 975
Vitacene 571, 1017
Vitamin D_3 metabolites, from *Cestrum* leaves 677
Vitis, stilbene glucoside from 571
V. labrusca, ^3H transfer from D-gluconic acid to L-tartaric acid in 1017
Volatiles, from oilseed rape flowers and leaves 695

W

Wettsteinia inversa, naphthalene and isocoumarins from 1459
W. schusterana, naphthalene and dihydroisocoumarin from 233
Wikstroemia sikokiana, biflavonoids from 879
Wisteria sinensis, volatile β-chromenes from 1769
Withania somnifera, flavonol glycosides and phenolics from 1215
Wound-inducible polypeptides, in tobacco leaves 921

X

Xanthones,
antifungal, from *Monnina* 875
from *Dalbergia* 911

Y

Yellow coloration, basis of, in *Lathyrus* flowers 163

Z

Zanthoxylum heiizii, lignans from 867
Zea mays,
DIMBOA biosynthesis using deuterium oxide as tracer 167
structure–activity relationships of benzoxazolinones from 297
Zingiberaceae 871, 1383